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CHUGAI SEIYAKU KABUSHIKI KAISHA et al

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- 国際調査報告書

2文字コード及び他の略語については、定期発行される 各PCTガゼットの巻頭に掲載されている「コードと略語 のガイダンスノート」を参照。

(54) Title: SUGAR CHAIN-MODIFIED ANTI-HM1.24 ANTIBODY

(54) 発明の名称: 糖鎖改変抗HM1.24抗体

(57) Abstract: Sugar chain modification makes it possible to provide the following antibody having enhanced antibody-dependent cellular cytotoxicity (ADCC), i.e., an antibody having a sugar chain free from an antibody against HM1.24 antigen (anti-HM1.24 antibody, more specifically speaking, α -1,6 core fucose), an antibody having a sugar chain having a bisecting N-acetylglucosamine (GlcNAc) structure, or an antibody having a sugar chain free from α -1,6 core fucose and having a sugar chain having a bisecting N-acetylglucosamine (GlcNAc) structure.

(57) 要約: 糖鎖の改変により抗体依存性細胞傷害性(Antibody-Dependent CellularCytotoxicity; ADCC)が増強された、HM1.24抗原に対する抗体(抗HM1.24抗体、具体的には α -1,6コアーフコース(α -1,6corefucose)を含まない糖鎖を有する抗体、バイセクティング(bisecting)N-アセチルグルコサミン(GlcNAc)構造を有する糖鎖を有する抗体、又は α -1,6コアーフコース(α -1,6corefucose)を含まない糖鎖を有し、且つバイセクティング(bisecting)N-アセチルグルコサミン(GlcNAc)構造を有する糖鎖を有する糖鎖を有する抗体。

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/011812

A. CLASSIFIC Int.Cl ⁷	ATION OF SUBJECT MATTER C07K16/30, C12N15/12, C12P21/	08		
According to Inte	According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SE.				
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ C07K16/30, C12N15/12, C12P21/08				
	earched other than minimum documentation to the exten			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) BIOSIS/WPI (DIALOG)				
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	· · · · · · · · · · · · · · · · · · ·	Relevant to claim No.	
Y	WO 98/37913 A1 (Chugai Pharm Ltd.), 03 September, 1998 (03.09.98) Full text & JP 10-298106 A & EP & US 2002/034507 A1		1-12	
Y	JP 10-286088 A (Chugai Pharmaceutical Co., Ltd.), 27 October, 1998 (27.10.98), Full text & WO 98/35698 A1 & EP 997152 A1		1-12	
Y	WO 02/31140 A1 (Kyowa Hakko 18 April, 2002 (18.04.02), Full text & EP 1331266 A1	Kogyo Co., Ltd.),	1-12	
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.		
* Special cate "A" document d to be of part "E" earlier appli filing date "L" document w cited to est special rease "O" document re "P" document p the priority Date of the actua 20 Octo	gories of cited documents: efining the general state of the art which is not considered icular relevance cation or patent but published on or after the international which may throw doubts on priority claim(s) or which is ablish the publication date of another citation or other on (as specified) efterring to an oral disclosure, use, exhibition or other means sublished prior to the international filing date but later than date claimed al completion of the international search ober, 2004 (20.10.04)	"T" later document published after the inte date and not in conflict with the application the principle or theory underlying the in document of particular relevance; the considered novel or cannot be consisted when the document is taken alone "Y" document of particular relevance; the considered to involve an inventive combined with one or more other such being obvious to a person skilled in the document member of the same patent for the same	ation but cited to understand invention laimed invention cannot be dered to involve an inventive laimed invention cannot be step when the document is documents, such combination art amily	
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C (Continuation)	. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-512014 A (UNAMA, Pablo), 23 April, 2002 (23.04.02), Full text & WO 99/54342 A1	1-12
. У	WO 02/79255 A1 (IDEC PHARMACEUTICALS Co.), 10 October, 2002 (10.10.02), Full text (Family: none)	1-12
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/011812

Bo	x No.	I	Nucleotide and/or amino acid sequence(s) (Continuation of item1.b of the first sheet)	
1.	With	regare	rd to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed the international search was carried out on the basis of:	
	a.	type o	of material	
		X	a sequence listing	
			table(s) related to the sequence listing	
	ъ.	form	nat of material	•
			in written format	
		X	in computer readable form	
	c.	time	of filing/furnishing	
			contained in the international application as filed	
		×	filed together with the international application in computer readable form	
			furnished subsequently to this Authority for the purposes of search	
2.	IXI.	In ad	ddition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed	
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		appli	lication as filed or does not go beyond the application as filed, as appropriate, were furnished.	
3.	Add	itional	al comments:	
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